## **Certificate of Analysis**

## Alizarin

Cat. No.: HY-N0563 CAS No.: 72-48-0 Batch No.: 105849

**Chemical Name:** 9,10-Anthracenedione, 1,2-dihydroxy-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{14}H_8O_4$ 240.21 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

## **ANALYTICAL DATA**

Yellow to brown (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.17%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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